|          | Index of Claims . |              |              |           |           |                |           |           |            |           |                   |          |                            | A        | Application/Control No. |                |                  |           |           |           |     |       |            | Applicant(s)/Patent under Reexamination |            |                |                |              |          |           |           |                      |                |     |   |
|----------|-------------------|--------------|--------------|-----------|-----------|----------------|-----------|-----------|------------|-----------|-------------------|----------|----------------------------|----------|-------------------------|----------------|------------------|-----------|-----------|-----------|-----|-------|------------|---|------------|----------------|----------------|--------------|----------|-----------|-----------|----------------------|----------------|-----|---|
|          |                   |              |              |           |           |                |           |           |            |           |                   |          |                            |          |                         | 01,<br>nin     |                  |           | _         |           |     |       |            | MAGNUS ET AL.                           |            |                |                |              |          |           |           |                      |                |     |   |
|          |                   |              |              |           |           |                |           |           |            |           |                   |          | •                          |          |                         |                |                  |           |           |           |     | nal   | ารถ        |   |            |                |                |              | m        |           |           |                      |                |     |   |
|          |                   |              | _            | _         | _         | _              | _         | —<br>1    |            | _         |                   | _        | _                          |          | _                       | _              | W. David Coleman |           |           |           |     |       |            |   |            |                | 2823           |              |          |           |           |                      |                |     |   |
|          |                   |              | 1            | Rejected  |           |                |           |           | i          |           | (                 | Th       | hrough numera<br>Cancelled |          |                         |                | al)              | al)       |           |           | No  | on-£  | Elec       | ted                                     | ed         |                |                | Ap           | pea<br>  | al<br>—   | _         |                      |                | -   |   |
|          |                   |              |              |           |           | we             | :d        |           | !          | •         | _                 | _        | Restricted                 |          |                         |                |                  |           |           | 1         | łn: | terf  | erei       | nce                                     |            | 0              |                | Obj          | ect      | ed        |           |                      |                |     |   |
|          | CI                | aim          | 止            | _         | _         | _              | Oate      | e_        | _          | _         |                   | _<br>[   | Ci                         | aim      | _                       | _              | _                |           | ate       | _         | _   | _     | 7          |   | laim       |                | _              | _            | Dat      | e         | _         | ,<br>—-              | _              | 1   |   |
|          |                   | ā            | 3            | 2         |           |                |           |           |            |           | $\prod$           |          |                            | $\Box$   |                         | $\Box$         |                  |           | $\exists$ | T         | 1   | T     | 1          |   |            | П              | T              | T            | T        | Ť         |           |                      | П              |     |   |
|          | Final             |              | -3/446       | , ,       |           |                |           |           |            |           |                   |          | Final                      | Original |                         |                |                  |           |           |           |     |       |            | Final                                   | Original   |                |                |              |          |           |           |                      |                | ,   |   |
|          |                   | (1)          | 3            | $\Box$    | 口         | 口              | P         | 尸         | F          | $\Box$    | $\Box$            | F        | $\Box$                     | 51<br>52 | $\Box$                  | $\square$      | $\dashv$         | $\exists$ | 干         | 7         | 7   | $\mp$ | 7          | $\vdash$                                | 101        | 口              | 7              | 丰            | 丰        | 二         | $\Box$    | $\Box$               |                | ,   |   |
|          | 世                 | 3            | å            |           | 口         | 世              | H         |           | H          | 口         | 口                 | þ        | _                          | 53       |                         | ╛              | 士                | 士         | $\pm$     | 士         | 士   | 士     | 1          |   | 103        | $\Box$         | $\pm$          | 士            | 士        | 上         | 世         | $\vdash$             |                |     |   |
|          | -                 | 8            | 1            | $\vdash$  | H         | H              | $\vdash$  | ┦         | -          | H         | H                 | +        | لــــــ                    | 54<br>55 | H                       | $\vdash$       | $\dashv$         | +         | +         | +         | +   | 7     | 7          | F                                       | 104        | $\Box$         | $\overline{+}$ | 7            | F        | F         | $\Box$    | $\Box$               | $\Box$         |     |   |
|          |                   | 6            | Щ            | $\Box'$   | $\Box$    | 口              | 口         | 口         |            | 口         | 口                 |          |                            | 56       | 口                       |                | $\exists$        | $\exists$ | 士         | 士         | 士   | 士     |            |   | 106        |                | 士              | 士            | 上        | 世         | 世         | $\sqcup$             |                |     |   |
| i        | -                 | 7 8          | Ш            | لــا      | H         | $\sqcup$       | $\vdash$  | $\vdash$  | $\vdash$   | $\square$ | Н                 | ŀ        |                            | 57<br>58 | $\Box$                  | H              | $\exists$        | $\exists$ | $\exists$ | 7         | 7   | 干     | 7          | _                                       | 107        | $\Box$         | 4              | 丰            | 丰        | F         | $\Box$    | $\Box$               | $\Box$         | İ   |   |
|          |                   | 9            | 世            |           | H         | 一              |           | H         | 尸          | $\vdash$  |                   | t        |                            | 59       | H                       |                |                  | 士         | 士         | 士         | 士   | 士     | $\dashv$   |   | 108        | H              | +              | +            | +        | 一         | ┦         | H                    | H              |     |   |
| J        |                   | 10           | П            | $\square$ | $\Box$    |                |           | $\Box$    | $\Box$     |           |                   | F        |                            | 60       |                         |                |                  | 7         | $\exists$ | 4         | ユ   | 丰     | ]          |   | 110        | $\Box$         | 7              | 丰            | 丰        | $\Box$    | $\Box$    |                      | 口              |     |   |
| 10. J    | <u> </u>          | 11           | +            | $\vdash$  | H         | H              | $\vdash$  | $\vdash$  | $\vdash$   | H         | H                 | H        |                            | 61<br>62 | Н                       | $\vdash$       | +                | +         | +         | +         | +   | +     | -          | $\vdash$                                | 111        | H              | +              | +            | +        | +         | H         | $\vdash$             | H              | 1   |   |
|          |                   | 13           | Щ            |           |           | 口              |           |           |            |           |                   | F        |                            | 63       |                         |                | $\exists$        | #         | 丁         | #         | #   | 土     | l          |   | 113        | 口              | #              | 土            | 上        |           |           |                      |                | ĺ   |   |
| <u> </u> | <u> </u>          | 14           | $\mathbb{H}$ | لے        | $\square$ | H              | $\vdash$  | H         | $\vdash$   | H         | $\mathbf{H}$      | -        | لــــــا                   | 64<br>65 | $\vdash$                | $\overline{+}$ | $\overline{+}$   | +         | 4         | +         | +   | +     | 4          | <u> </u>                                | 114        | H              | +              | +            | $\perp$  | F         | $\Box$    | H                    | $\tilde{H}$    | ĺ   |   |
|          |                   | 16           | 世            |           |           | H              |           | H         |            | H         | 口                 | t        |                            | 66       | H                       | 寸              | 1                | 士         | 1         | +         | 士   | 士     | +          | <del>-</del>                            | 116        | H              | 士              | 七            | +        |           | $\vdash$  |                      |                | İ   |   |
| ŀ        |                   | 17           | H            |           |           |                | $\Box$    |           |            | P         | $\Box$            | F        |                            | 67<br>68 | $\Box$                  | $\Box$         | $\exists$        | $\exists$ | 구         | 7         | 7   | 干     | 7          |   | 117        | 口              | 7              | 丰            | 丰        |           |           |                      | 口              | i   |   |
| İ        | -                 | 18<br>19     | H            | $\vdash$  | H         | -              | -         | -         | H          | H         | H                 | H        |                            | 68<br>69 | H                       | 7              | +                | +         | +         | +         | +   | +     | 4          | <u> </u>                                | 118        | H              | +              | +            | +        | $\vdash$  | H         | H                    | H              | ĺ   |   |
| ļ        |                   | 20           | 山            |           |           |                |           |           |            | 口         | 口                 | F        |                            | 70       | 口                       | 口              | 口                | #         | #         | #         | #   | #     | _          |   | 120        | 口              | #              | 丰            | 上        | 口         | 口         |                      | 口              | l   |   |
|          | <u> </u>          | 21<br>22     | H            | Ш         | H         | $\vdash$       | H         |           | $\vdash$   | H         | H                 | H        |                            | 71<br>72 | H                       | H              | -                | +         | +         | +         | +   | +     | -          | <u> </u>                                | 121        | $\vdash$       | +              | +            | +        | ₽'        | H         | -                    | H              |     |   |
| ļ        |                   | 23           | 1            |           |           | H              | H         |           |            | H         | 一                 | t        |                            | 73       |                         | 7              | 1                | 士         | 1         | 士         | 士   | 士     | 1          | $\vdash$                                | 123        |                | 士              | 士            | 七        | 世         |           |                      | 口              | İ   |   |
| 1        |                   | 34           | П            | $\square$ | $\Box$    |                | $\Box$    |           | $\Box$     | $\Box$    |                   | F        |                            | 74       | $\Box$                  |                | 口                | コ         | コ         | $\supset$ | ユ   | 工     | ]          |   | 124        | 口              | 工              | Ŧ            | 匚        | $\Box$    | $\Box$    | 口                    |                |     |   |
| 1        |                   | (25)<br>(26) | H            | 1         | H         | H              | H         |           | H          | -         | H                 | F        |                            | 75<br>76 | H                       | +              | +                | +         | +         | +         | +   | +     | -          | -                                       | 125<br>126 | $\vdash$       | +              | +            | +        | $\vdash$  | H         | H                    | H              |     |   |
|          |                   | 27           | 山            |           |           |                |           |           |            |           |                   | þ        |                            | 77       |                         |                | 二                | #         | #         | #         | #   | 土     | 1          |   | 127        | 口              | 士              | 士            | 上        |           |           |                      |                | ĺ   |   |
|          |                   | 28<br>29     |              | لــا      | $\Box$    | $\overline{H}$ |           | $\square$ | $\square$  | $\Box$    | $\overline{\Box}$ | -        | $\Box$                     | 78<br>79 | $\widetilde{\square}$   |                | $\dashv$         | 4         | 4         | 7         | +   | 4     | ] '        |   | 128<br>129 | $\Box$         | 7              | 丰            | F        |           |           | $\overline{\square}$ | $\overline{H}$ | İ   |   |
|          | -                 | 30           | d            | _         | H         | H              | H         | H         | $\vdash$   | H         | $\vdash$          | +        | $\dashv$                   | 80       | $\vdash$                | $\dashv$       | +                | +         | 十         | +         | 十   | 十     | ┨ '        | $\vdash$                                | 130        | H              | +              | 十            | $\vdash$ | $\vdash$  | H         | H                    | Н              | İ   |   |
| 1        |                   | 31           | 口            |           | 口         |                |           |           | $\Box$     | $\Box$    | $\Box$            | F        | $\Box$                     | 81       | 口                       | 口              | 耳                | コ         | ユ         | 工         | 丰   | 丰     | ] '        |   | 131        | 口              | 丰              | #            | 二        |           |           | 口                    | 口              |     | 1 |
|          | $\vdash$          | 32<br>33     | H            | -         | H         | H              | Н         | H         | $\vdash$   |           | H                 | +        |                            | 82<br>83 | $\vdash$                | $\dashv$       | +                | +         | +         | +         | +   | +     |            |   | 132        | H              | +              | +            | +        | $\vdash$  | H         | H                    | Н              |     |   |
| 1        |                   | 34           |              |           |           |                |           |           |            | 口         |                   | t        |                            | 84       |                         | $\exists$      | コ                | 士         | 士         | 士         | 士   | 土     | ქ !        |   | 134        | 口              | 土              | 土            | 世        |           |           | ╛                    | 口              |     |   |
|          |                   | 35<br>36     | $\exists$    |           | $\square$ | $\square$      | $\square$ | $\square$ | $\Box$     | $\Box$    |                   | F        | $\exists$                  | 85<br>86 | $\overline{\square}$    | $\overline{+}$ | $\dashv$         | 4         | 4         | 4         | 4   | 4     | ] '        |   | 135<br>136 | $\overline{H}$ | 4              | 1            | Į,       | $\square$ | $\square$ | $\overline{H}$       | H              |     |   |
| 1        | $\vdash$          | 36           | $\vdash$     | 1         | $\vdash$  | H              | H         | H         | $\vdash$   | H         | $\dashv$          | +        | -1                         | 87       | H                       | +              | +                | +         | 十         | 十         | +   | +     | ۱ ا        | <del>     </del>                        | 136        | $\vdash$       | +              | +            |          | -         | H         | $\vdash$             | $\vdash$       |     |   |
|          |                   | 38           | 口            | $\square$ | 口         | $\Box$         | $\Box$    |           |            | 口         | $\Box$            | F        | $\Box$                     | 88       | 口                       | 口              | コ                | 7         | 7         | 7         | 丰   | 丰     | ] '        |   | 138        | 口              | 丰              | 丰            | $\Box$   | $\Box$    |           | $\square$            | $\square$      | ĺ   |   |
|          | $\vdash \vdash$   | 39<br>40     | H            |           | H         | H              | Н         | H         | Н          | H         | H                 | -        |                            | 89<br>90 | H                       | +              | +                | +         | 十         | +         | +   | +     | ┤ '        |   | 139<br>140 | H              | +              | +            | ╁-       | Н         | H         | H                    | Н              |     |   |
| j        |                   | 41           | 口            | J         | 口         | 口              |           |           |            |           | ゴ                 | t        |                            | 91       | 口                       | $\exists$      | $\exists$        | 士         | 士         | 士         | 士   | 土     | ქ '        |   | 141        | 口              | 士              | 士            | 上        | 世         |           | 口                    | $\Box$         |     |   |
|          |                   | 42           |              | $\square$ | $\Box$    | $\Box$         |           | $\Box$    |            | $\Box$    | $\overline{A}$    | F        | $\Box$                     | 92       | $\dashv$                | $\exists$      | 7                | 7         | 7         | 7         | 7   | 7     | ┦ ′        |   | 142        | $\Box$         | 7              | <del> </del> |          |           |           | $\exists$            | $\exists$      | Í   |   |
|          |                   | 43           | 廾            | $\dashv$  | H         | H              | Н         | H         | H          | H         | $\dashv$          | $\vdash$ | $\dashv$                   | 93<br>94 | 廾                       | +              | +                | +         | +         | +         | +   | 十     | -          |   | 143        | $\vdash$       | +              | 十            | ┌        | H         | H         | $\sqcap$             | $\dashv$       | 1   |   |
|          |                   | 45           | 二            | 口         |           | 口              |           | 口         |            | 口         | 二                 | F        |                            | 95       | 口                       | コ              | コ                | コ         | 丰         | 丰         | 丰   | 工     | 1 '        |   | 145        | 口              | 4              | 丰            | 口        |           |           | 口                    | 口              |     |   |
|          | $\vdash$          | 46<br>47     | -            | $\dashv$  | H         | H              | $\vdash$  | H         | $\vdash$   | H         | $\dashv$          | +        |                            | 96<br>97 | $\vdash$                | $\dashv$       | +                | +         | +         | +         | +   | +     | -          | $\vdash$                                | 146<br>147 | 1              | +              | +            | ╁┤       | $\vdash$  | H         | H                    | H              | İ   | i |
| ļ        |                   | 48           |              | 7         | 口         | 口              | $\Box$    |           |            |           |                   |          |                            | 98       | 口                       | 1              | 士                | 士         | 士         | 士         | 士   | 1     | <b>]</b> ! |   | 148        | 口              | 士              | 士            |          |           | 世         |                      |                |     |   |
|          |                   | 49           | 口            | $\Box$    | $\Box$    | 口              | $\Box$    | $\Box$    | $\Box$     | $\Box$    | $\Box$            | F        | $\Box$                     | 99       | $\Box$                  | コ              | 4                | 7         | 丰         | 7         | 工   | 丰     | ] '        |   | 149        | $\Box$         | 丰              | 丰            | $\Box$   | 口         | $\Box$    | 口                    | $\Box$         | İ   | İ |
|          | ∟ ′               | 50           | ٠.           |           | ı         | _              | <u> </u>  | ட்        | <b>∟</b> ! | ட         | . 1               | 1        | !                          | 100      | $\perp$                 |                |                  |           | _ I_      |           |     |       |            |   | 150        |                |                | 1_           | 1_'      |           | !         | 1                    | 1              | í . |   |